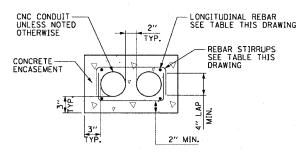
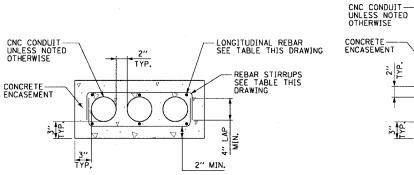


1x1 DUCTBANK DETAIL-

IN REINFORCED CONCRETE

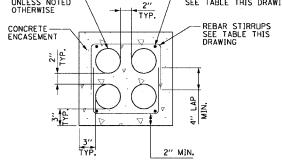


2x1 DUCTBANK DETAIL-IN REINFORCED CONCRETE NOT TO SCALE



--- GRADE

- RACEWAY AS SHOWN ON PLANS



2x2 DUCTBANK DETAIL-

IN REINFORCED CONCRETE

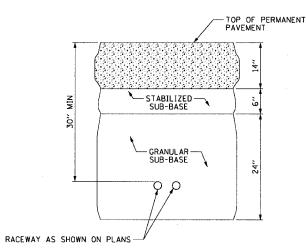
NOT TO SCALE

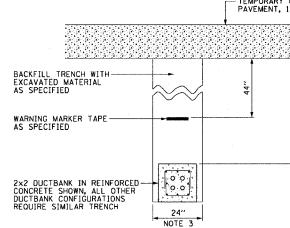
-LONGITUDINAL REBAR SEE TABLE THIS DRAWING

INTERLOCKING CONDUIT SPACER DETAIL



(MAXIMUM)





			OR PERMANENT 12" OR 14"
BACKFILL TRENCH WITH EXCAVATED MATERIAL AS SPECIFIED	~~~	44′′	66" NOTE 2
WARNING MARKER TAPE ————————————————————————————————————	-		Z
2×2 DUCTBANK IN REINFORCED— CONCRETE SHOWN, ALL OTHER DUCTBANK CONFIGURATIONS REQUIRE SIMILAR TRENCH	24"		

- INTERLOCKING CONDUIT SPACERS MUST BE PROVIDED FOR ALL REINFORCED CONCRETE DUCTBANKS. THE INTERLOCKING SPACERS MUST BE AS MANUFACTURED BY UNDERGROUND DEVICES, INC. OR APPROVED EQUAL. SPACERS MUST BE INSTALLED AT 5'-0" (MINIMUM) INTERVALS.

-CNC CONDUIT UNLESS NOTED OTHERWISE (TYPICAL)

-REINFORCED CONCRETE DUCTBANK REBAR NOT SHOWN ON THIS DETAIL

TYPICAL ELECTRICAL CONDUIT IN UNPAVED AREA NOT TO SCALE

TYPICAL SURVEILLANCE CONDUIT UNDER PERMANENT PAVEMENT

TYPICAL ELECTRICAL DUCTBANK UNDER PAVEMENT RTE. SECTION COUNTY TOTAL SHEE соок 90/94 2021-922PT.1-AC 460 183 STA. TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

62693

## NOTES:

- 1. SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- 2. PROVIDE MINIMUM CLEARANCE SHOWN FROM TOP OF DUCTBANK TO FINISHED GRADE FOR ALL DUCTBANKS, REGARDLESS OF SIZE. CONTRACTOR MUST INSTALL DUCTBANKS SUCH THAT THEY WILL CLEAR ALL UNDERGROUND OBSTACLES.
- 3. TRENCH MUST HAVE MINIMUM WIDTH SHOWN FOR ALL DUCTBANKS DETAILED ON THIS DRAWING. THE CONTRACTOR MUST INCREASE TRENCH WIDTH FOR ADDITIONAL CONDUITS, AS DIRECTED BY THE COMMISSIONER, AT NO ADDITIONAL COST.
- 4. NOT ALL DUCTBANK CONFIGURATIONS ARE SHOWN, ALL DUCTBANKS INSTALLED UNDER THIS CONTRACT WILL CONFORM TO THE TYPICAL SPACINGS SHOWN ON THIS DRAWING.

DUCTBANK REINFORCEMENT TABLE LONGITUDINAL REBAR REBAR STIRRUPS DUCTBANK CONCRETE CROSS-SECTIONAL AREA SO, INCHES BARS LESS THAN 450 \*3 AT 12" SPACING 451 TO 650 #3 AT 12" SPACING GREATER THAN 651 #3 AT 12" SPACING

EI-102

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
		63rd ST TO 59th ST (FRONTAGE ROAD & RAMPS)
		ELECTRICAL DUCTBANK DETAILS

CTE ENGINEERS CONSOER TOWNSEND ENVIRODYNE ENGINEERS, INC. 303 EAST WACKER DRIVE, SUITE 600 CHICAGO ILLINOIS 60601-5212, PHONE: (3/2) 938-0300

WARNING MARKER TAPE AS SPECIFIED

BACKFILL TRENCH WITH-EXCAVATED MATERIAL AS SPECIFIED

SCALE: NOT TO SCALE DATE: October 29, 2004 DRAWN BY: KCM CHECKED BY: WDS